

Converting Colors

CIELCh(87, 27.956, 140.914)

Have a look what the booklet for
CIELCh(87, 27.956, 140.914)
contains.

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Color

CIELCh(87, 27.956, 140.914)

Conversions

Conversions Part 1

Format	Color
Hex	BCE5B8
RGB	188, 229, 184
RGB Percent	74%, 90%, 72%
CMY	0.2637, 0.1029, 0.2794
CMYK	0.18, 0.00, 0.20, 0.10
HSL	115°, 46%, 81%
HSV	115°, 20%, 90%
XYZ	57.2515, 70.0064, 55.7066
YIQ	211.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

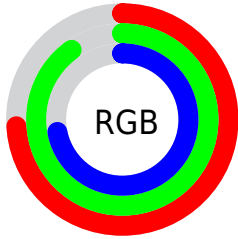
Format	Color
RYB	184, 229, 225
Decimal	12379576
CIELab	87.00, -21.70, 17.63
CIELCh	87, 27.956, 140.914
Yxy	70.0064, 0.3129, 0.3826
Android (android.graphics.Color)	4290569656 (0xFFBCE5B8)
YUV	211.6110, -13.6122, -20.7068
Hunter-Lab	83.6698, -24.2826, 19.0941

Details

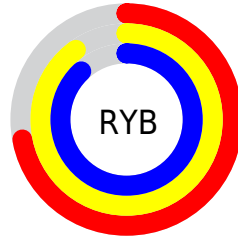
The CIELCh color **87, 27.956, 140.914** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 28.074, 322.990**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.428, 134.447**, and **67, 27.667, 141.080** is the 20% darker color. If you saturate the color by 10%, you get **85, 42.172, 140.205**, and if you desaturate by 10%, it is **89, 13.684, 141.537**.

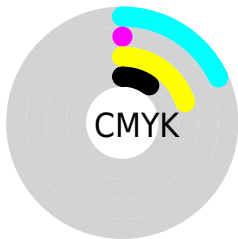
Distribution



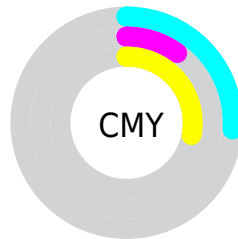
- Red (74%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)




- Cyan (26%)
- Magenta (10%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.956, 140.914 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 87, 27.956, 140.914 by changing the saturation by 10% instead.


 87, 27.956,
140.914

 87, 27.956,
140.914


 100, 27.956,
140.914


 77, 27.956,
140.914

 67, 27.956,
140.914

 57, 27.956,
140.914

 47, 27.956,
140.914

 37, 27.956,
140.914


 27, 27.956,
140.914


 17, 27.956,


140.914


 7, 27.956, 140.914

 0, 27.956, 140.914

 87, 27.956,
140.914


 87, 27.956,
140.914


 85, 42.172,
140.205


 89, 13.684,
141.537


 84, 56.083,
139.405

 91, 0.475, 321.491

 83, 69.373,
138.532


 93, 14.393,
322.472


 82, 81.624,
137.629


 94, 16.407,
324.992


 81, 92.316,

136.780

 80, 100.846,
136.107

 80, 106.665,
135.746

 80, 109.758,
135.694

 80, 109.838,
135.689

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87, 27.956, 140.914



79, 28.074, 322.990

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 27.956, 140.914



87, 27.956, 190.914



87, 27.956, 320.914



87, 27.956, 10.914

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87, 27.958, 140.915



99, 9.248, 141.749



89, 21.014, 103.720



52, 6.137, 141.711



0, 0.000, 0.000



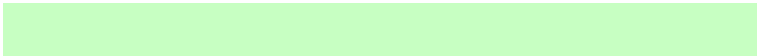
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 27.958, 140.915



95, 37.277, 140.608



87, 21.512, 157.038



47, 8.058, 141.550



63, 91.138, 135.608



17, 35.976, 137.302

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 28.074, 322.990



85, 37.452, 323.211



79, 21.833, 340.171



45, 8.083, 322.474



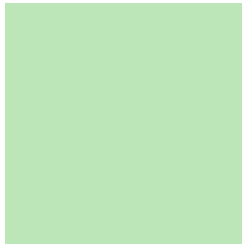
40, 88.929, 324.788



8, 37.227, 325.292

Previews

White Background



This preview shows how the CIELCh color 87, 27.956, 140.914 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 27.956, 140.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

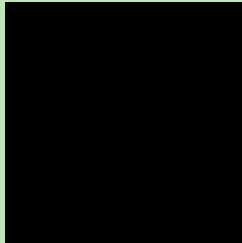
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

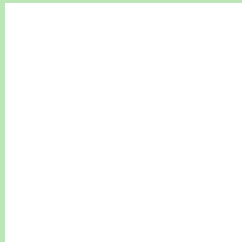
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 27.956, 140.914

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.956, 140.914.

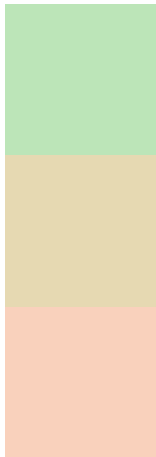


This preview shows how white text looks on a background with the CIELCh color 87, 27.956, 140.914.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

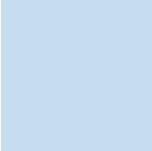
Dichromacy



Original Color
87, 27.956, 140.914

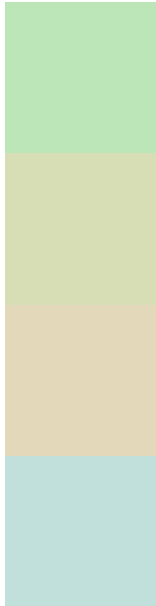
Protanopia
87, 20.914, 94.488

Deuteranopia
87, 19.088, 55.046



Tritanopia
87, 12.240, 249.619

Trichromacy



Original Color
87, 27.956, 140.914

Protanomaly
87, 21.416, 114.522

Deuteranomaly
86, 16.192, 93.775

Tritanomaly
87, 10.859, 184.714

Monochromacy



Original Color
87, 27.956, 140.914

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.867, 140.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.956, 140.914 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 229, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 229, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 229, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 229, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.956, 140.914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 229, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 229, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 229, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 229, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 229, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 229,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.956, 140.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 229, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
229, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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